ELSEVIER

Journal of Hazardous Materials 90 (2002) 329–330

Journal of Hazardous Materials

www.elsevier.com/locate/jhazmat

Contents Volume 90

Part A: Risk Assessment and Management

Studies on energetic compounds 25. An overview of preparation, thermolysis and applications of the salts of 5-nitro-2,4-dihydro-3H-1,2,4-triazol-3-one (NTO)
G. Singh and S. Prem Felix (Gorakhpur, India) 1

Short communication

Investigation of the stability of a mixture of single-based propellants and resins or polymers
R. Ganev and I. Glavchev (Sofia, Bulgaria) 19

Part B: Environmental Technologies

Adsorption of zinc(II) from an aqueous solution onto activated carbon
R. Leyva Ramos, L.A. Bernal Jacome, J. Mendoza Barron, L. Fuentes Rubio and R.M. Guerrero Coronado (San Luis Potosi, Mexico) 27

Chromium behavior during thermal treatment of MSW fly ash
D.W. Kirk, C.C.Y. Chan and H. Marsh (Toronto, Canada) 39

Decomposition of aniline in supercritical water
X.-H. Qi, Y.-Y. Zhuang, Y.-C. Yuan and W.-X. Gu (Tianjin, PR China) 51

The reaction pathway for the heterogeneous photocatalysis of trichloroethylene in gas phase
K.-H. Wang (Hsinchu, Taiwan), J.-M. Jehng, Y.-H. Hsieh and C.-Y. Chang (Taichung, Taiwan) . . . 63

Removal of copper from aqueous solution by chitosan in prawn shell: adsorption equilibrium and kinetics
K.H. Chu (Victoria, Australia) 77

Dechlorination of chlorinated phenols by catalyzed and uncatalyzed Fe(0) and Mg(0) particles
J. Morales, R. Hutcheson and I. Francis Cheng (Idaho, Russia) 97

Book review 109

Part A: Risk Assessment and Management

Thermal decomposition of acetic anhydride–nitric acid mixtures
R. Andreozzi, R. Marotta and R. Sanchirico (Naples, Italy) 111

Hazard analysis of technologies for disposing explosive waste
N.J. Duijm (Roskilde, Denmark) 123

Assessment of technologies for disposing explosive waste
N.J. Duijm and F. Markert (Roskilde, Denmark) 137

Part B: Environmental Technologies

Catalytic combustion of carbon tetrachloride
T. Tanilmiş, S. Atalay, H. Erden Alpay and F.S. Atalay (İzmir, Turkey) 157

Prediction of leachate pH for cement paste containing pure metal compounds
J.A. Stegemann and N.R. Buenfeld (London, UK) 169

Adsorptive removal of direct azo dye from aqueous phase onto coal based sorbents: a kinetic and mechanistic study
S. Venkata Mohan, N. Chandrasekhar Rao (Hyderabad, India) and J. Karthikeyan (Tirupati, India). 189

PII: S0304-3894(02)00029-8

Treatment of high-strength phenolic wastewater by a new two-step method
S.H. Lin and C.S. Wang (Chungli, Taiwan) 205

Book review 217

Part A: Risk Assessment and Management
Synthesis, characterisation, thermal and explosive properties of 4,6-dinitrobenzofuroxan salts
Mehilal, A.K. Sikder, S. Pawar and N. Sikder (Pune, India) 221

Short communication
Adsorption of *p*-chlorophenol from aqueous solutions on bentonite and perlite
B. Koumanova and P. Peeva-Antova (Sofia, Bulgaria) 229

Part B: Environmental Technologies
Destruction of carbon disulfide in aqueous solutions by sonochemical oxidation
C. Appaw and Y.G. Adewuyi (Greensboro, NC, USA) 237
Gas pollutants removal in a single- and two-stage ejector–venturi scrubber
X. Gamisans, M. Sarrà and F. Javier Lafuente (Barcelona, Spain) 251
Effect of dissolved oxygen concentration on nitrate removal from groundwater using a denitrifying submerged filter
M.A. Gómez, E. Hontoria and J. González-López (Granada, Spain) 267
Evaluation of microbial stability of simulated solid and liquid waste forms using a refined biofilm formation method
M.A. Idachaba, K. Nyavor and N.O. Egiebor (Tuskegee, AL, USA) 279
Development of a novel electro-dialysis based technique for lead removal from silty clay polluted soil
A.M.O. Mohamed (Al Ain, United Arab Emirates) 297
Brewery wastewater treatment in a fluidised bed bioreactor
A. Ochieng (Cape Town, South Africa), T. Ogada, W. Sisenda and P. Wambua (Eldoret, Kenya) . . 311

Book review 323

Author Index Volume 90 325

Subject Index Volume 90 327

Contents Volume 90 329